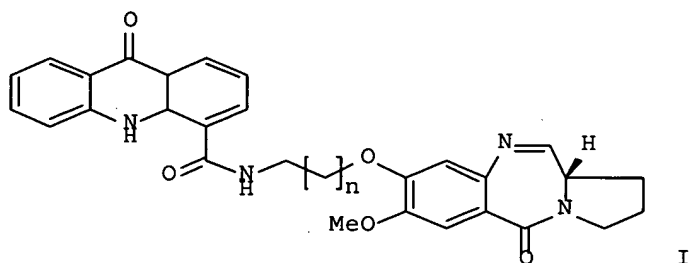
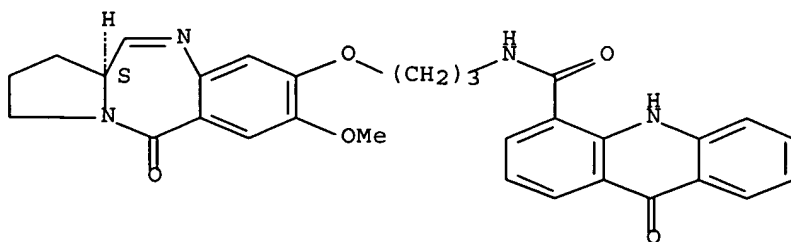


L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2004:523321 CAPLUS Full-text
 DN 141:225474
 TI Synthesis of C8-linked pyrrolo[2,1-c][1,4]benzodiazepine-acridone/acridine hybrids as potential DNA-binding agents
 AU Kamal, Ahmed; Srinivas, O.; Ramulu, P.; Ramesh, G.; Kumar, P. Praveen
 CS Division of Organic Chemistry, Indian Institute of Chemical Technology, Hyderabad, 500007, India
 SO Bioorganic & Medicinal Chemistry Letters (2004), 14(15), 4107-4111
 CODEN: BMCLE8; ISSN: 0960-894X
 PB Elsevier Science B.V.
 DT Journal
 LA English
 OS CASREACT 141:225474
 GI



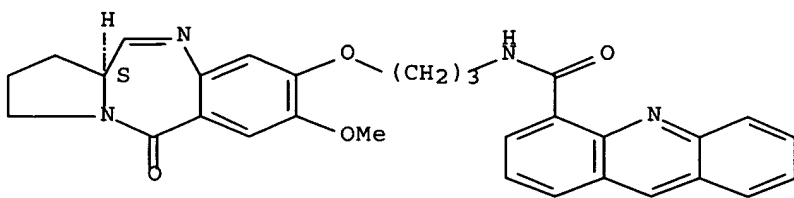
AB Pyrrolobenzodiazepine hybrids linked to acridone/acridine ring systems at C8-position have been designed and prepared. These compounds exhibit significant DNA-binding affinity, and a representative compound (I, n = 2) shows promising in vitro anticancer activity.
 IT 745014-20-4P 745014-21-5P 745014-22-6P 745014-23-7P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)
 (synthesis of C8-linked pyrrolo[2,1-c][1,4]benzodiazepine-acridone/acridine hybrids as potential DNA-binding agents and antitumor agents)
 RN 745014-20-4 CAPLUS
 CN 4-Acridinecarboxamide, 9,10-dihydro-9-oxo-N-[3-[[[(11aS)-2,3,5,11a-tetrahydro-7-methoxy-5-oxo-1H-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]propyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 745014-21-5 CAPLUS
 CN 4-Acridinecarboxamide, N-[3-[[[(11aS)-2,3,5,11a-tetrahydro-7-methoxy-5-oxo-1H-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]propyl]- (9CI) (CA INDEX NAME)

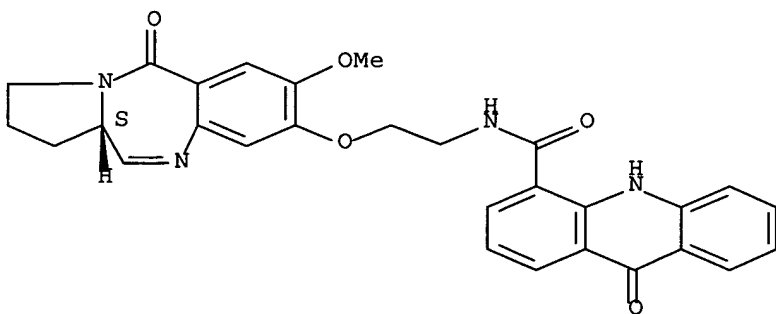
Absolute stereochemistry.



RN 745014-22-6 CAPLUS

CN 4-Acridinecarboxamide, 9,10-dihydro-9-oxo-N-[2-[[[(11aS)-2,3,5,11a-tetrahydro-7-methoxy-5-oxo-1H-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]ethyl]- (9CI) (CA INDEX NAME)

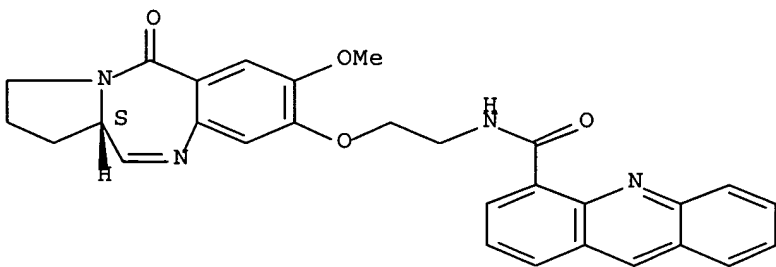
Absolute stereochemistry.



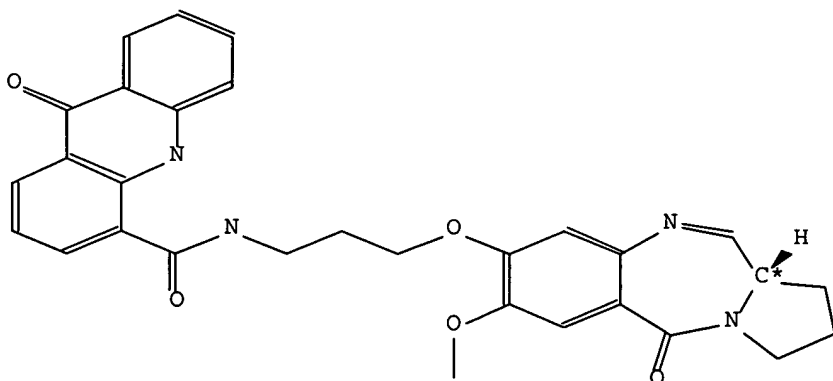
RN 745014-23-7 CAPLUS

CN 4-Acridinecarboxamide, N-[2-[[[(11aS)-2,3,5,11a-tetrahydro-7-methoxy-5-oxo-1H-pyrrolo[2,1-c][1,4]benzodiazepin-8-yl]oxy]ethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



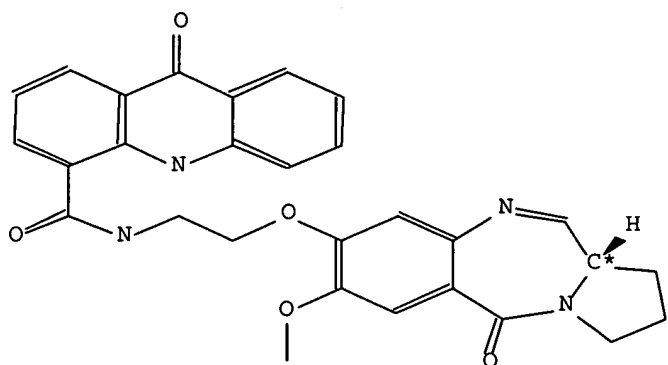
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| Chemical Name (CN): | 9-oxo-9,10-dihydro-acridine-4-carboxylic acid <3-(7-methoxy-5-oxo-2,3,5,11a-tetrahydro-1H-benzo<e>pyrrolo<1,2-a><1,4>diazepin-8-yloxy)-propyl>-amide |
| Autonom Name (AUN): | 9-oxo-9,10-dihydro-acridine-4-carboxylic acid <3-(7-methoxy-5-oxo-2,3,5,11a-tetrahydro-1H-benzo<e>pyrrolo<1,2-a><1,4>diazepin-8-yloxy)-propyl>-amide |
| Molec. Formula (MF): | C30 H28 N4 O5 |
| Molecular Weight (MW): | 524.58 |
| Lawson Number (LN): | 29107, 27041, 3131, 289 |
| File Segment (FS): | Stereo compound |
| Compound Type (CTYPE): | heterocyclic |
| Constitution ID (CONSID): | 8276362 |
| Tautomer ID (TAUTID): | 9204410 |
| Entry Date (DED): | 2005/01/21 |
| Update Date (DUPD): | 2005/01/21 |



Reference(s):

1. Kamal, Ahmed; Srinivas, O.; Ramulu, P.; Ramesh, G.; Kumar, P. Praveen, Bioorg. Med. Chem. Lett., CODEN: BMCLE8, 14(15), <2004>, 4107 - 4112; BABS-6462175

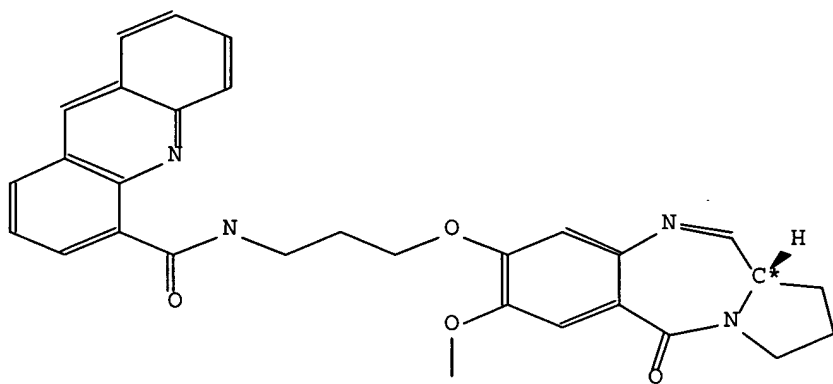
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| Autonom Name (AUN): | 9-oxo-9,10-dihydro-acridine-4-carboxylic acid <2-(7-methoxy-5-oxo-2,3,5,11a-tetrahydro-1H-benzo<e>pyrrolo<1,2-a><1,4>diazepin-8-yloxy)-ethyl>-amide |
| Molec. Formula (MF): | C29 H26 N4 O5 |
| Molecular Weight (MW): | 510.55 |
| Lawson Number (LN): | 29107, 27041, 3122, 289 |
| File Segment (FS): | Stereo compound |
| Compound Type (CTYPE): | heterocyclic |
| Constitution ID (CONSID): | 8275088 |
| Tautomer ID (TAUTID): | 9203427 |
| Entry Date (DED): | 2005/01/21 |
| Update Date (DUPD): | 2005/01/21 |



Reference(s):

1. Kamal, Ahmed; Srinivas, O.; Ramulu, P.; Ramesh, G.; Kumar, P. Praveen, Bioorg. Med. Chem. Lett., CODEN: BMCLE8, 14(15), <2004>, 4107 - 4112; BABS-6462175

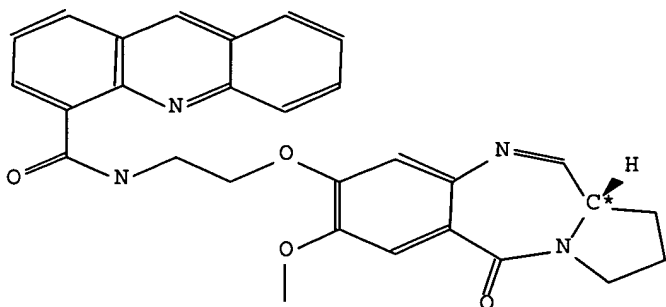
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<3-(7-methoxy-5-oxo-2,3,5,11a-tetrahydro-1H-benzo<e>pyrrolo<1,2-a><1,4>diazepin-8-yloxy)-propyl>-amide
Molec. Formula (MF): C30 H28 N4 O4
Molecular Weight (MW): 508.58
Lawson Number (LN): 29107, 26432, 3131, 289
File Segment (FS): Stereo compound
Compound Type (CTYPE): heterocyclic
Constitution ID (CONSID): 8274346
Tautomer ID (TAUTID): 9199876
Entry Date (DED): 2005/01/21
Update Date (DUPD): 2005/01/21



Reference(s):

1. Kamal, Ahmed; Srinivas, O.; Ramulu, P.; Ramesh, G.; Kumar, P. Praveen, Bioorg. Med. Chem. Lett., CODEN: BMCLE8, 14(15), <2004>, 4107 - 4112; BABS-6462175

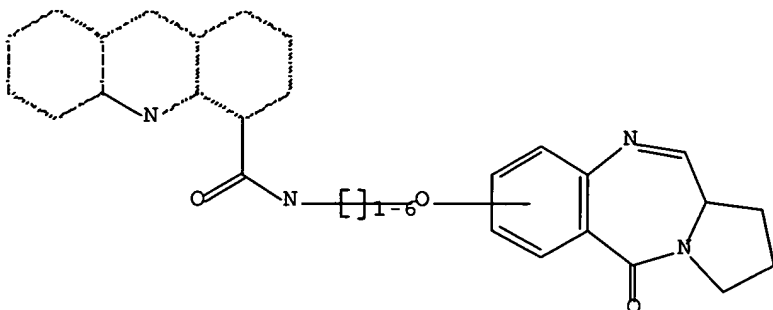
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| Chemical Name (CN): | acridine-4-carboxylic acid <2-(7-methoxy-5-oxo-2,3,5,11a-tetrahydro-1H-benzo<e>pyrrolo<1,2-a><1,4>diazepin-8-yloxy)-ethyl>-amide |
| Autonom Name (AUN): | acridine-4-carboxylic acid <2-(7-methoxy-5-oxo-2,3,5,11a-tetrahydro-1H-benzo<e>pyrrolo<1,2-a><1,4>diazepin-8-yloxy)-ethyl>-amide |
| Molec. Formula (MF): | C29 H26 N4 O4 |
| Molecular Weight (MW): | 494.55 |
| Lawson Number (LN): | 29107, 26432, 3122, 289 |
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| Entry Date (DED): | 2005/01/21 |
| Update Date (DUPD): | 2005/01/21 |



Reference(s):

1. Kamal, Ahmed; Srinivas, O.; Ramulu, P.; Ramesh, G.; Kumar, P. Praveen, Bioorg. Med. Chem. Lett., CODEN: BMCLE8, 14(15), <2004>, 4107 - 4112; BABS-6462175

=> d l2; d his; log y
 L2 HAS NO ANSWERS
 L1 STR



Structure attributes must be viewed using STN Express query preparation.
 L2 QUE ABB=ON PLU=ON L1

(FILE 'HOME' ENTERED AT 16:55:59 ON 25 MAY 2005)

FILE 'REGISTRY' ENTERED AT 16:56:15 ON 25 MAY 2005

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 L4 4 S L2 FUL

FILE 'CAPLUS' ENTERED AT 16:56:45 ON 25 MAY 2005

L5 1 S L4

FILE 'BEILSTEIN' ENTERED AT 16:57:09 ON 25 MAY 2005

L6 1 S L2
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 L9 4 S L7 NOT L5

FILE 'MARPAT' ENTERED AT 16:58:00 ON 25 MAY 2005

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| COST IN U.S. DOLLARS | SINCE FILE | TOTAL |
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| FULL ESTIMATED COST | 113.53 | 400.68 |
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